



Introduction to Emergency Medical Services

Career Cluster	Health Science
Course Code	14055
Prerequisite(s)	None
Credit	1
Program of Study and Sequence	Cluster course – Gateway to Certified Nursing Assistant – Introduction to Emergency Medical Services – other pathway courses in the Therapeutic Services pathway or capstone experience
Student Organization	Future Health Professionals (HOSA), Skills USA
Coordinating Work-Based Learning	Workplace tours, job shadowing, mentoring, service learning, internship
Industry Certifications	First Aid/Cardiopulmonary Resuscitation (CPR)/Automated External Defibrillator (AED)/First Aid through American Red Cross or American Heart Association as appropriate
Teacher Certification	Health Science Cluster Endorsement; Therapeutic & Support Services Pathway Endorsement; * Health Science Education
Resources	American Red Cross: www.redcross.org , American Heart Association www.heart.org

Course Description:

Introduction to Emergency Medical Services is designed to expose students to the various career opportunities in the Emergency Medical Services field. Emergency care services are necessary for the safety of the community. A network of services are coordinated to provide aid and medical assistance from primary response to definitive care, involving personnel trained in the rescue, stabilization, transportation, and advanced treatment of traumatic or medical emergencies. Potential career opportunities may include emergency medical dispatch, first medical responder, ambulance personnel, medium and heavy rescue equipment, and paramedic units. Upon completion of this course, students will be trained in First Aid, Cardio Pulmonary Resuscitation (CPR) and Automatic External Defibrillator (AED).

Program of Study Application

Introduction to Emergency Medical Services is a pathway course in the Health Science career cluster, Therapeutic Services pathway. The course would follow participation in one or more cluster courses and/or Gateway to Certified Nursing Assistant. Introduction to Emergency Medical Services would prepare a student to participate in further pathway courses in the Therapeutic Services pathway or a capstone experience.

Course Standards**EMS 1 Explore roles, responsibilities, and professionalism of Emergency Medical Services (EMS) personnel.**

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	EMS 1.1 Distinguish differences among careers within EMS and explain in detail the education level, credentialing/licensure requirements.	Examples include: paramedic, Emergency Medical Technician (EMT), firefighter, lifeguard, etc.
Three Strategic Thinking	EMS 1.2 Demonstrate emotional support to patient, bystanders, or other responders.	Integration with other professionals and continuity of care (medical personnel, law enforcement, emergency management, home health care providers, etc.)
Three Strategic Thinking	EMS 1.3 Investigate medical and legal standards in correlation with the Health Insurance Portability & Accountability Act (HIPAA)	Confidentiality, professional ethics
Four Extended Thinking	EMS 1.4 Apply concepts related to professional attitude and appearance	Stress management, self-care, personal pride, positive attitude, reliability, accountability, emotional stability, sensitivity to diverse populations

Notes

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EMS 2 Demonstrate skills in first aid, cardiopulmonary resuscitation (CPR) and automated external defibrillation (AED) certification standards set by the American Heart Association or the American Red Cross.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	EMS 2.1 Understand how to perform First Aid for Students and/or CPR for Students and/or how to use an AED.	Prove understanding of First Aid for Students and/or CPR for Students and/or AED certification by completing the course and earning a certification card. Seek out community resources to meet certification requirements.

Notes

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EMS 3 Determine the necessity of emergency medical care for a variety of patients with varied medical conditions

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	EMS 3.1 Identify emergency medical treatment protocol	Physical Assessment, oxygen administration, immobilization, vehicle extrication, trauma, environmental injury, emergency childbirth. Possible case study and role play opportunities for practice

Notes